

FIG. 1

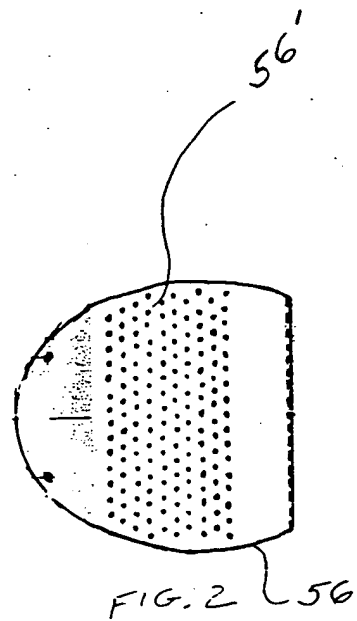


FIG. 2 56

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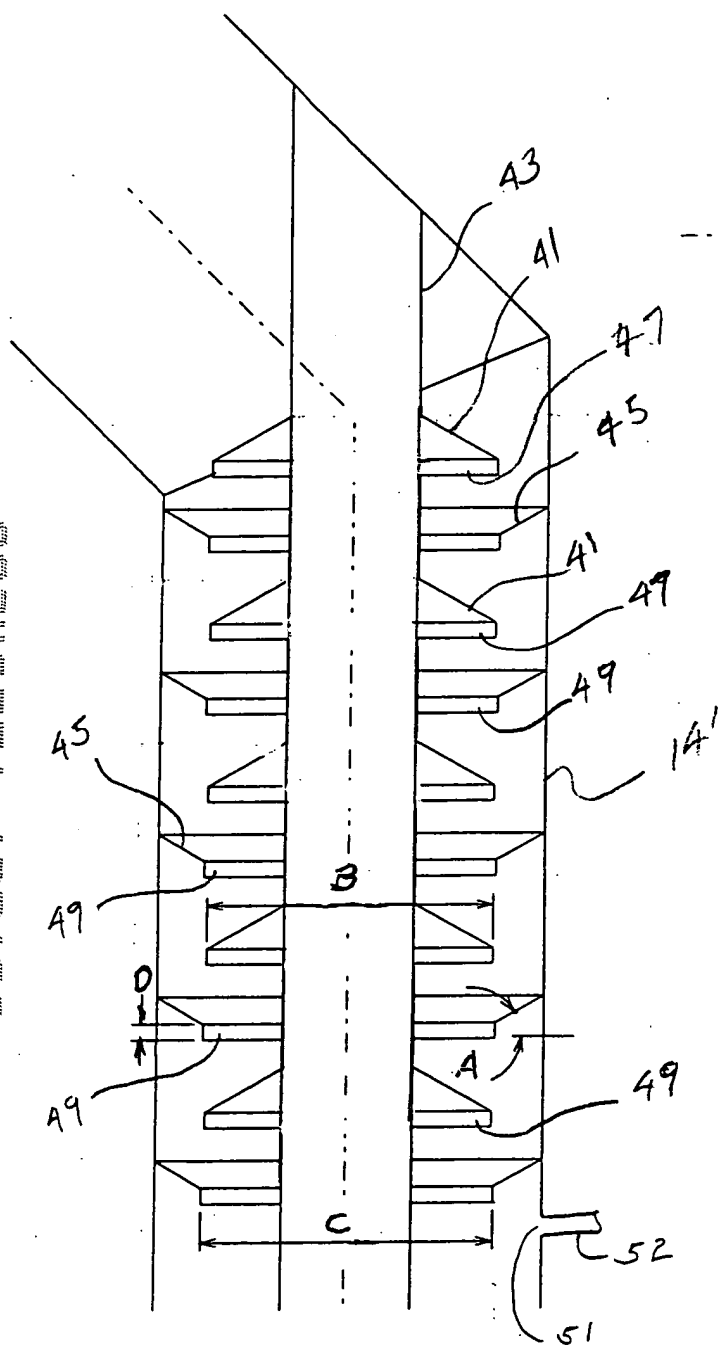
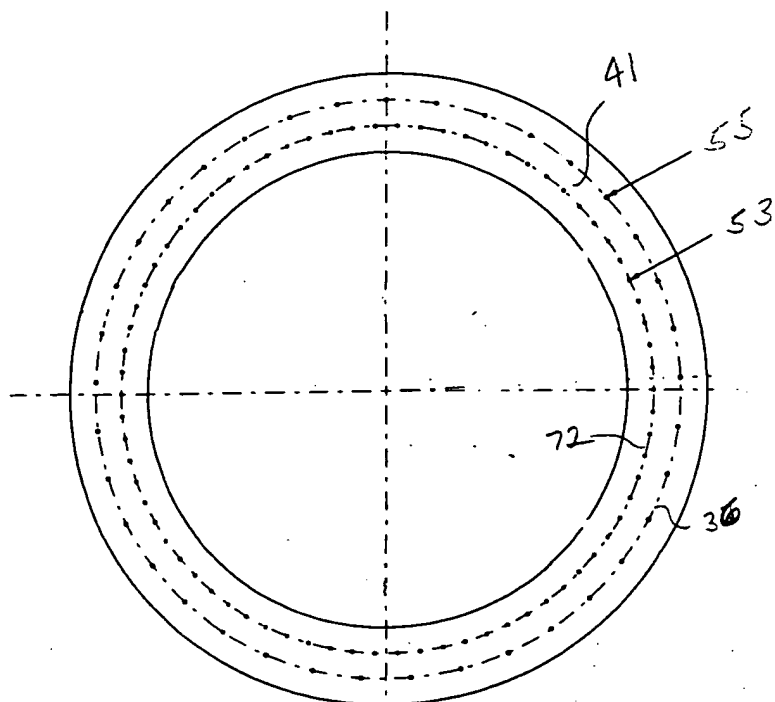


FIG. 3



• FIG. 4.

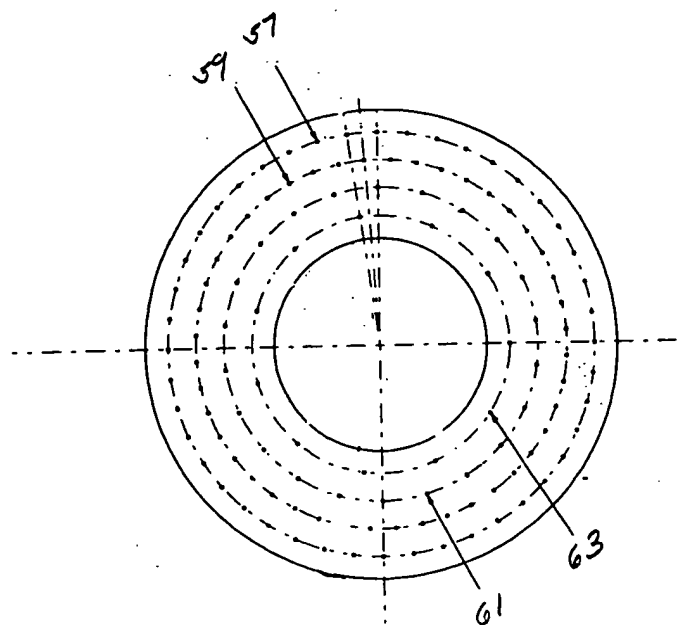
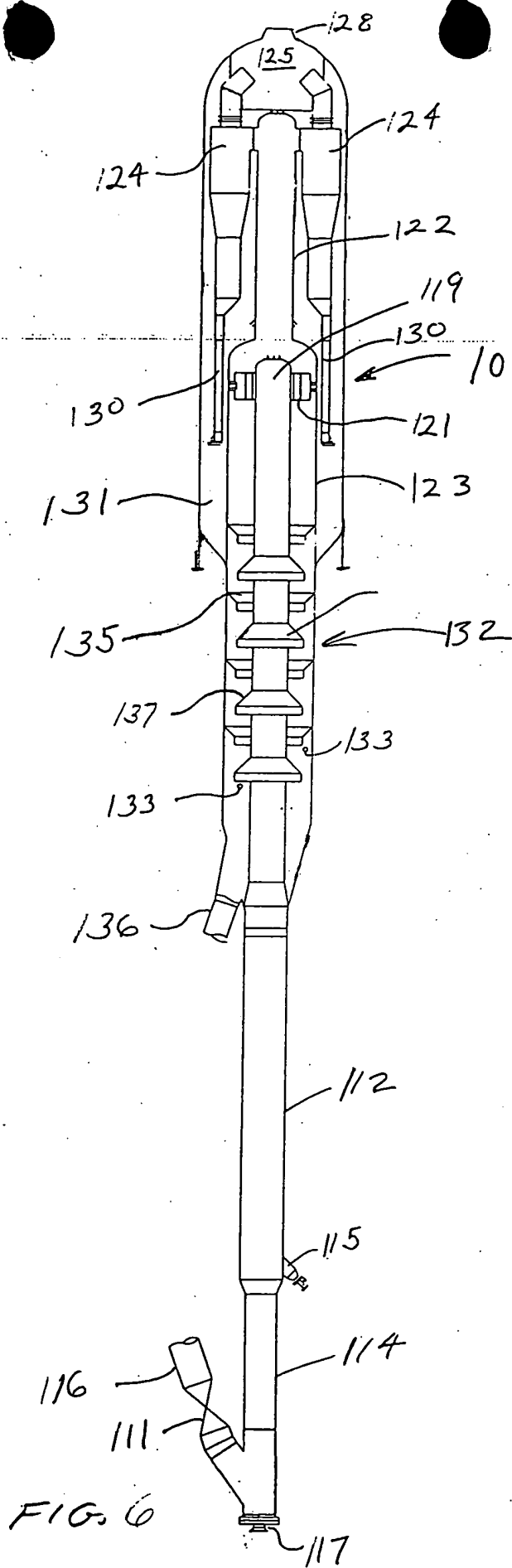


FIG. 5



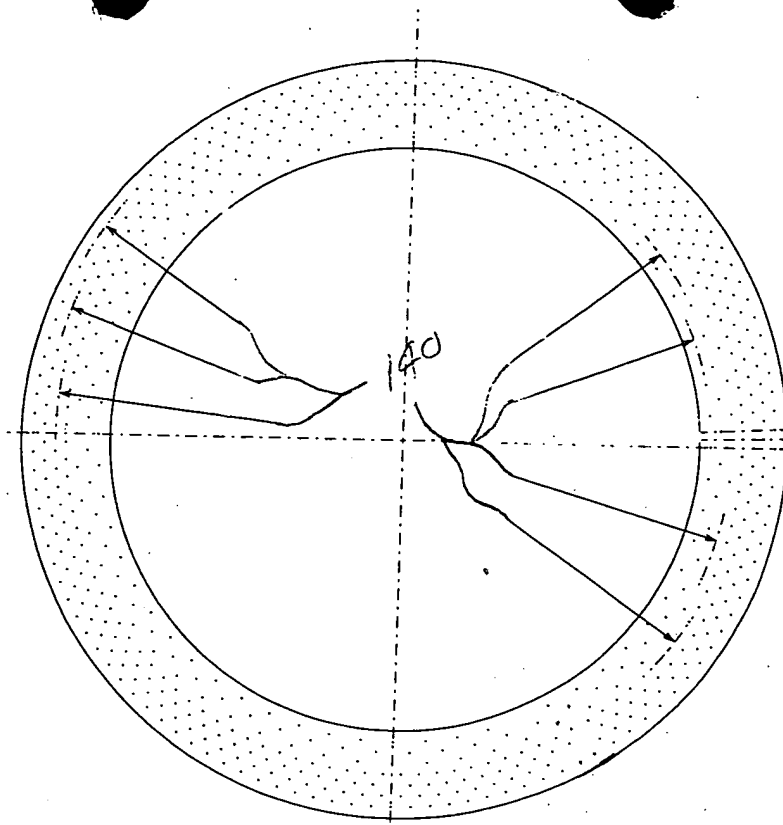


FIG. 7

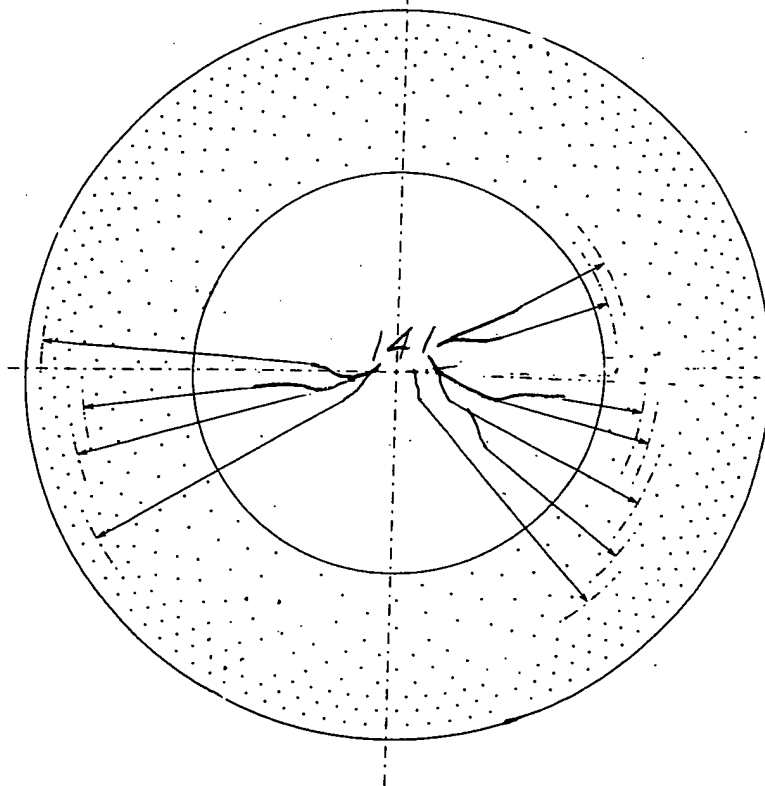
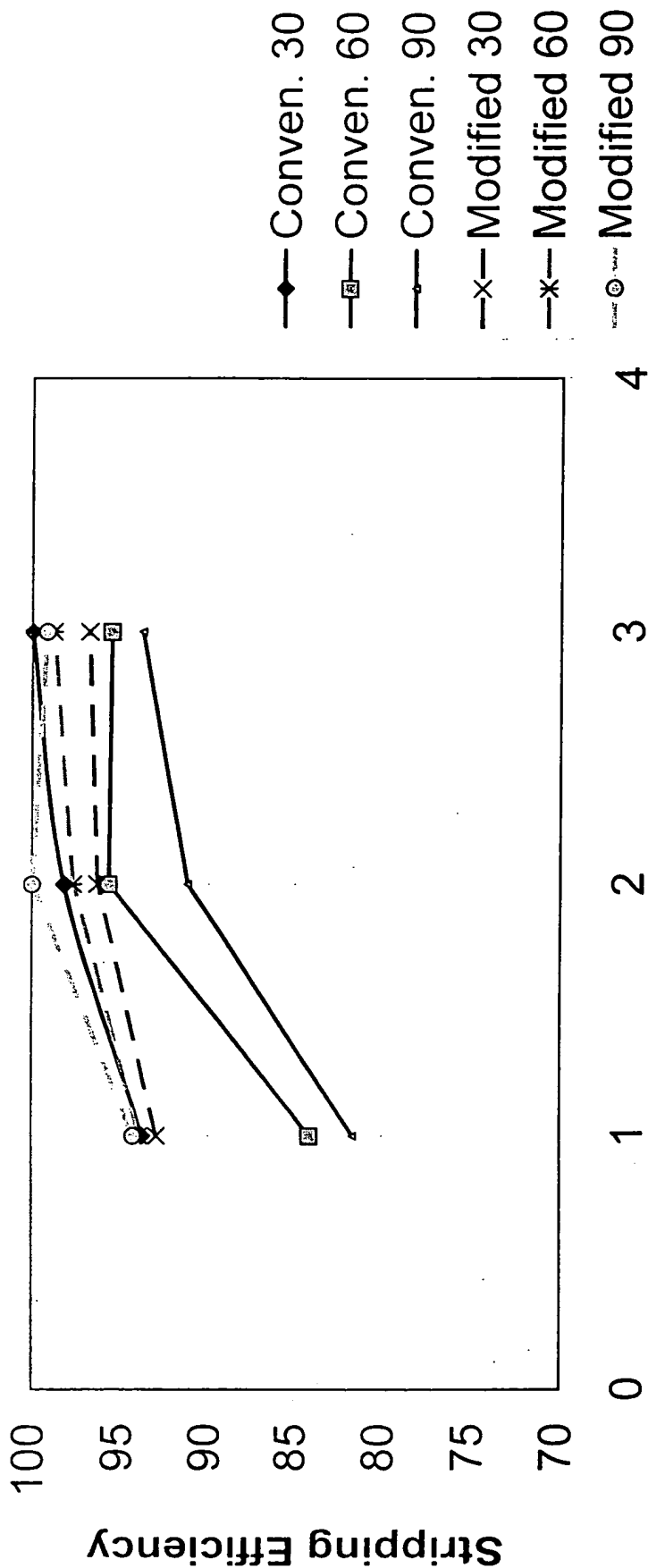


FIG. 8

# Conventional Tray vs Modified tray at 30, 60 and 90,000 #/hr-ft<sup>2</sup>



Equivalent Stripping Rate # steam / 1000 # catalyst